

## CLAIMS

What is claimed is:

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- 5
1. A composition containing at least 50 percent conjugated linoleic acid said composition being characterized in having less than 1 percent individually of a non-naturally occurring class of octadecadienoic acid isomers.
  2. The composition of claim 1 wherein said composition contains less than 1 percent total 11,13-octadecadienoic acid isomers.
  3. The composition of claim 1 wherein said composition contains less than 1 percent total 8,10-octadecadienoic acid isomers.
  - 10 4. The conjugated linoleic acid-containing composition of claim 1 wherein said composition has a total t9,t11-octadecadienoic acid and t10,t12-octadecadienoic acid level of less than 1 percent.
  5. The linoleic acid-containing composition of claims 1-4 wherein said composition is an isomerized commodity seed oil.
  - 15 6. The linoleic acid-containing composition of claim 5 wherein said commodity seed oil is selected from the group consisting of sunflower oil and safflower oil.